

licensee's activities create or tend to create a situation inconsistent with the antitrust laws. The Commission delegated the authority to make the significant change determination to the Director, Office of Nuclear Reactor Regulation (NRR).

Based upon an analysis of the extensive comments received in response to the initial decision published in the **Federal Register** on October 20, 1993 (58 FR 54175), information presented in other regulatory proceedings involving the proposed merger of Gulf States Utilities Company (GSU) and Entergy Corporation (Entergy), the staff concludes that the changes in GSU's activities which have been identified by the staff do not constitute significant changes as envisioned by the Commission in its *Summer* decision. The conclusion of the staff analysis is as follows:

Where appropriate, the staff considered the testimony and information submitted to other regulatory agencies in developing a record necessary to satisfy its own regulatory mandate. From the information made available to the staff, the staff was able to determine that the concerns raised by the commenters are covered by and should be resolved before the NRC by existing license conditions. The staff does not believe that the outstanding issues raised before the NRC are germane to a licensing proceeding. Consequently, the staff is providing the commenters the opportunity to resolve their NRC concerns in a Section 2.206 enforcement proceeding.

Based upon the staff analysis, it is my finding that there have been no "significant changes" in the licensee's activities or proposed activities since the completion of the previous antitrust review of the River Bend Station that would warrant the initiation of a new antitrust review. Signed this 5th day of April, 1995.

Any person whose interest may be affected by this finding, may file, with full particulars, a request for reevaluation, not to exceed 10 pages in length including attachments, with the Director of the Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, DC 20555. The requests must be received by the Commission within 10 days of the initial publication of this notice in the **Federal Register**. Requests for reevaluation of the no significant changes determination should be limited to new information not previously submitted in connection with the Director's Reevaluation Finding published in the **Federal Register** on December 13, 1993 (58 FR 65200), such as information about facts

or events of antitrust significance that have occurred since that date, or information that could not reasonably have been submitted prior to that date.

Dated at Rockville, Maryland the 5th day of April 1995.

For the Nuclear Regulatory Commission.

William T. Russell,

Director, Office of Nuclear Reactor Regulation.

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[Docket No. 50-318]

Exemption

In the matter of Baltimore Gas and Electric Comp. (Calvert Cliffs Nuclear Power Plant Unit No. 2).

I

Baltimore Gas and Electric Company (BG&E or the licensee) is the holder of Facility Operating License No. DPR-69, which authorizes operation of Calvert Cliffs Nuclear Power Plant Unit No. 2 (the facility/CC-2), at a steady-state reactor power level not in excess of 2700 megawatts thermal. The facility is a pressurized water reactor located at the licensee's site in Calvert County, Maryland. The license provides among other things, that it is subject to all rules, regulations, and Orders of the U.S. Nuclear Regulatory Commission (the Commission or NRC) now or hereafter in effect.

II

Section III.D.1.(a) of appendix J to 10 CFR part 50 requires the performance of three Type A containment integrated leakage rate tests (ILRTs), at approximately equal intervals during each 10-year service period of the primary containment. The third test of each set shall be conducted when the plant is shutdown for the 10-year inservice inspection of the primary containment.

III

By letter dated February 24, 1995, BG&E requested temporary relief for CC-2 from the requirement to perform a set of three Type A tests at approximately equal intervals during each 10-year service period of the primary containment. The requested exemption would permit a one-time interval extension of the second Type A test by approximately 24 months (from the 1995 refueling outage, currently scheduled to begin in March 1995, to the spring 1997 refueling outage) and would permit the third Type A test to be performed during the spring 1999 refueling outage, coincident with the

end of the current American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code) inservice inspection interval. This would extend the CC-2 second 10-year service period to 12 years.

The licensee's request cites the special circumstance of 10 CFR 50.12, paragraph (a)(2)(ii), as the basis for the exemption. The existing Type B and C testing programs are not being modified by this request and will continue to effectively detect containment leakage caused by the degradation of active containment isolation components as well as containment penetrations. The licensee has analyzed the results of the previous Type A tests performed at CC-2. Four Type A tests have been conducted from 1979 to date. The initial Type A test failed; however, prompt corrective actions were taken and the subsequent tests were successful as detailed in Section IV of this Exemption. It is also noted that the licensee, as a condition of the proposed exemption, will perform the visual containment inspection although it is only required by Appendix J to be conducted in conjunction with Type A tests. The NRC staff considers that these inspections, though limited in scope, provide an important added level of confidence in the continued integrity of the containment boundary. Therefore, application of the regulation in this particular circumstance is not necessary to achieve the underlying purpose of the rule.

IV

Section III.D.1.(a) of appendix J to 10 CFR part 50 states that a set of three Type A leakage rate tests shall be performed at approximately equal intervals during each 10-year service period.

The licensee proposes an exemption to this section which would provide a one-time interval extension for the second Type A test by approximately 24 months. This would permit the test to be performed during the spring 1997 refueling outage, as noted above, and would extend the second 10-year service period to 12 years. The Commission has determined, for the reasons discussed below, that pursuant to 10 CFR 50.12(a)(1) this exemption is authorized by law, will not present an undue risk to the public health and safety, and is consistent with the common defense and security. The Commission further determines that special circumstances, as provided in 10 CFR 50.12(a)(2)(ii), are present justifying the exemption; namely, that application of the regulation in the particular circumstances is not necessary to

achieve the underlying purpose of the rule. The underlying purpose of the requirement to perform Type A containment leak rate tests at intervals during the 10-year service period, is to ensure that any potential leakage pathways through the containment boundary are identified within a time span that prevents significant degradation from continuing or becoming unknown. The NRC staff has reviewed the basis and supporting information provided by the licensee in the exemption request.

As previously noted, the initial Type A test failed. This failure was due to three sources: (1) The containment recirculation sump isolation valve, MOV-4145; (2) the temporary level indicators on the steam generators; and (3) the packing gland of a main steam line inboard vent valve. The first leakage source was identified as a problem with the limit switch setting on MOV-4145 that prevented full closure. Resetting the switches and closing the valve electrically corrected the source of leakage. This valve is now tested periodically to ensure the limit switch settings allow full closure, and the value has not demonstrated excessive leakage in any subsequent Type A test. The temporary level indicators, are components which are only in place while the plant is shutdown. Upon identification of the leakage path, the temporary configuration was isolated and has not resulted in any further leakage. The third component condition which led to an excessive leakage rate during this test was attributed to a packing failure in the main steam inboard vent valves. This condition was corrected by backseating the vent valves to eliminate leakage. In a subsequent refueling outage, the vent valves were removed and the connection was sealed with blind flanges. Following the licensee's prompt identification and corrective actions, three additional Type A tests have been successful and have demonstrated a good containment performance. Thus, the Type A test results only confirm the results of the Type B and C test results. The NRC staff has noted that the licensee has a good record of ensuring a leak-tight containment. Since the first failure, all Type A tests have passed with significant margin and the licensee has noted that the results of the Type A testing have been confirmatory of the Type B and C tests which will continue to be performed.

The NRC staff has also made use of the information in a draft staff report, NUREG-1493, which provides the technical justification for the present appendix J rulemaking effort which also

includes a 10-year test interval for Type A tests. The integrated leakage rate test, or Type A test, measures overall containment leakage. However, operating experience with all types of containments used in this country demonstrates that essentially all containment leakage can be detected by local leakage rate test (Type B and C). According to results given in NUREG-1493, out of 180 ILRT reports covering 110 individual reactors and approximately 770 years of operating history, only 5 ILRT failures were found which local leakage rate testing could not detect. This is 3 percent of all failures. This study agrees well with previous NRC staff studies which show that Type B and C testing can detect a very large percentage of containment leaks. The CC-2 experience has also been consistent with these results as previously noted.

The Nuclear Management and Resources Council (NUMARC), now the Nuclear Energy Institute (NEI), collected and provided the NRC staff with summaries of data to assist in the appendix J rulemaking effort. NUMARC collected results of 144 ILRTs from 33 units; 23 ILRTs exceeded $1.0L_{a}$. Of these, only nine were not due to Type B or C leakage penalties. The NEI data also added another perspective. The NEI data show that in about one-third of the cases exceeding allowance leakage, the as-found leakage was less than $2L_{a}$; in one case the leakage was found to be approximately $2L_{a}$; in one case the as-found leakage was less than $3L_{a}$; one case approached $10L_{a}$; and in one case the leakage was found to be approximately $21L_{a}$. For about half of the failed ILRTs the as-found leakage was not quantified. These data show that, for those ILRTs for which the leakage was quantified, the leakage values are small in comparison to the leakage value at which the risk to the public starts to increase over the value of risk corresponding to L_{a} (approximately $200L_{a}$, as discussed in NUREG-1493). Therefore, based on these considerations, it is unlikely that an extension of one cycle for the performance of the appendix J, Type A test at CC-2 would result in significant degradation of the overall containment integrity. As a result, the application of the regulation of these particular circumstances is not necessary to achieve the underlying purpose of the rule.

Based on generic and plant specific data, the NRC staff finds the basis for the licensee's proposed exemption to allow a one-time exemption to permit a schedular extension for CC-2 of one cycle (24 months) for the performance of

the appendix J, Type A test, and to permit the third Type A test to be performed during the spring 1999 refueling which extends the second 10-year service period to 12 years to be acceptable. As a condition for granting this exemption, the licensee will perform visual containment inspections.

Pursuant to 10 CFR 51.32, the Commission has determined that granting this Exemption will not have a significant impact on the environment (60 FR 14979).

This Exemption is effective upon issuance and shall expire at the completion of the 1997 refueling outage.

Dated at Rockville, Maryland, this 3rd day of April 1995.

For the Nuclear Regulatory Commission.

Steven A. Varga,

*Director, Division of Reactor Projects—I/II,
Office of Nuclear Reactor Regulation.*

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[Docket Nos. 50-275 and 50-323]

Pacific Gas & Electric Co., Diablo Canyon Nuclear Power Plant, Unit Nos. 1 and 2; Environmental Assessment and Finding of No Significant Impact

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of exemptions from Facility Operating License Nos. DPR-80 and DPR-82, issued to Pacific Gas and Electric Company (the licensee) for operation of Diablo Canyon Nuclear Power Plant, Unit Nos. 1 and 2, located in San Luis Obispo County, California.

Environmental Assessment

Identification of the Proposed Action

The proposed action would grant relief from the requirement in Section III.D.1.(a) of Appendix J to 10 CFR Part 50 that the third Type A test in a 10-year service period be conducted when the plant is shut down for the 10-year plant inservice inspections and allows the licensee to perform the three Type A tests at approximately equal intervals within each 10-year service period.

The proposed action is in accordance with the licensee's application for exemption dated February 16, 1994.

The Need for the Proposed Action

The proposed action is needed so that the licensee, given the 18-month fuel cycles at Diablo Canyon, is not required to perform a fourth Type A test in order to meet the Appendix J requirement and the Diablo Canyon Technical Specification requirement that Type A tests be conducted at 40 months plus or